1/31



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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/027,199

DATE: 02/06/2002 TIME: 09:52:25

Input Set : N:\Crf3\RULE60\10027199.raw
Output Set: N:\CRF3\02062002\J027199.raw

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       <120> TITLE OF INVENTION: NEW RECEPTOR AND RELATED PRODUCTS AND
             METHODS
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      4 <130> FILE REFERENCE: 740.013US2
                                                                       5 <140 > CURRENT APPLICATION NUMBER: 10/027,199
      6 <141> CURRENT FILING DATE: 2001-12-20
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     8 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-22
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     18 <212> TYPE: DNA
     19 <213> ORGANISM: Homo sapiens
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              catagtagec actetyttyc tygteeteaa etttyagagg acaagateat tycaggatec
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     2.3
             ttgtagtaac tgcccagctg gtacattctg tgataataac aggaatcaga tttgcagtcc
     24
             ctgtcctcca aatagtttct ccagcgcagg tggacaaagg acctgtgaca tatgcaggca
                                                                                     240
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                                                                                     360
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     25
                                                                                     420
     27
             acaaqqtcaa qaactqacaa aaaaaqqttq taaaqactqt tqctttqqqa catttaacqa
                                                                                     480
     28
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             tgtgaatggg acgaaggaga gggacgtggt ctgtggacca tctccagctg acctctctcc
                                                                                     540
     29
             gggagcated tetgtgaced egectgeece tgegagagag ceaggacact etecgeagal
                                                                                     600
     3 🕽
                                                                                     660
     31
             catchectte titlettgege tgaegtegae tgegttgete tieetgetgt tetteeteae
             qctccqtttc tctqttqtta aacggggcag aaagaaactc ctgtatatat tcaaacaacc
                                                                                     720
     32
     3 }
             atttatgaga ccagtacaaa ctactcaaga ggaagatggc tgtagctgcc gatttccaga
                                                                                     780
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     37 <211> LENGTH: 255
     38 <212> TYPE: PRT
     39 <213> ORGANISM: Homo sapiens
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     42
                               5
                                                  10
                                                                       15
             Asn Phe Glu Arg Thr Arg Ser Leu Gln Asp Pro Cys Ser Asn Cys Pro
     4.3
     44
                          20
                                              25
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Ala Gly Thr Phe Cys Asp Asn Asn Arg Asn Gln Ile Cys Ser Pro Cys

15

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/027,199

DATE: 02/06/2002 TIME: 09:52:25

Input Set : N:\Crf3\RULE60\10027199.raw
Output Set: N:\CRF3\02062002\J027199.raw

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48			50					55		-	•		60		_	_		
49		Cys	Arg	Gln	Cys	Lys	Gly	Val	Phe	Arg	Thr	Arg	Lys	Glu	Cys	Ser	Ser	
50		65					70					75					80	
51		Thr	Ser	Asn	Ala	Glu	Cys	Asp	Cys	Thr	Pro	Gly	Phe	His	Cys	Leu	Gly	
52						85					90					95		
53		Ala	Gly	cys	Ser	Met	Cys	Glu	Gln	Asp	Cys	Lys	Gln	Gly	Gln	Glu	Leu	
54					100					105					110			
55		Thr	Lys	Lys	Gly	Cys	Lys	Asp	Cys	Cys	Phe	Gly	Thr	Phe	Asn	Asp	Gln	
56				115					120					125				
57		Lys	Arg	Gly	Ile	Cys	Arg		Trp	Thr	Asn	Cys	Ser	Leu	Asp	Gly	Lys	
58			130					135					140					
59			Val	Leu	Val	Asn		Thr	Lys	Glu	Arg	-	Val	Val	Cys	Gly		
60		145					150				_	155			_	_	160	
6.1		Ser	Pro	Ala	Asp		Ser	Pro	Gly	Ala		Ser	Val	Thr	Pro		Ala	
62					a 1	165	~ 1		~	_	170	- 1	-1		51	175	Ŧ	
63		Pro	Ala	Arg		Pro	GIY	His	Ser		GIn	He	Ile	ser		Pne	Leu	
64			T	m 1	180	ml	.1.	T	T	185	T	T	Db -	Dl. a	190	mb	T 0	
65		Ala	Leu		ser	Thr	Ala	Leu		Pne	Leu	Leu	Phe		Leu	Thr	Leu	
66		3	Dh.a	1.95	17- 1	17- 1	T	3	200	7	T	T	Т о	205	П	т1 о	Dho	
67		Arg		ser	Val	val	гуѕ	215	Gly	Arg	ьуѕ	Lys	Leu 220	neu	тАт	ire	PHE	
68 69		Luc	210 Clp	Dro	Dho	Mot	λκα		Wa 1	Cln	Thr	Thr	Gln	chi	Clu	Nen	Gly	
70		225	GIII	PIU	PHE	Met	230	FIU	vai	G111	1111	235	GIII	Gra	Giu	дэр	240	
71			Ser	CVS	Δrσ	Phe		Glu	Glu	Glu	Glu		Gly	Cvs	Glu	Len	240	
72		Cys	DCI	y 3	111 9	245	110	O. a	CIU	Olu	250		OI I	010	Ola	255		
	<:210>	SEO	TD N	10: 3	3	213					230					200		
	<211>																	
	<212>																	
	<213>				omo s	sapie	ens											
	<:400>					•												
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81	<210>																	
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RAW SEQUENCE LISTING

DATE: 02/06/2002 TIME: 09:52.25

PATENT APPLICATION: US/10/027,199

Input Set : N:\Crf3\RULE60\10027199.raw
Output Set: N:\CRF3\02062002\J027199.raw

	94 <	:400> S	SEQUENCE: 6						
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			LENGTH: 25						
			TYPE: DNA						
				Homo sapiens	S				
			SEQUENCE:	_	_				
	107			gctagtatca	tacct.				25
		<210>	SEQ ID NO:						
			LENGTH: 30	J					
			TYPE: DNA						
				Homo sapiens	ä				
			SEQUENCE: 8	-	•				
	114	V10112		tgcggagagt	atcetaacte				30
		<: · 10 >	SEQ ID NO:		geeerggeee				3.0
			LENGTH: 235						
			TYPE: DNA						
				Mus musculus	2				
			FEATURE:	nas mascara.	3				
			NAME/KEY: 1	ingure					
				(1253)(12	2551				
					orgorco	or t/u)			
			SEQUENCE: 9		01 9 01 0 0	<i>51 c</i> / <i>a</i> /			
	125	(100)			ggataaacag	cacqqqatat	ctctatctaa	aggaatatta	60
	146							aaaaccacag	120
	127				tcgccatggg			-	180
	128				agaaggtggg				240
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	130							gctatttcag	360
	131				ctacccacaa				420
	132			-	ccagatgtga				480
	133				gtagcttggg				540
	134			_	gctctctaga				600
	135				-			ccaccatttc	660
	136				caggagggca				720
	137				tggccctgat		_		780
	138				cccacatatt				840
	139				gtagetgeeg	_			900
	140				ctatcctagg				960
	141		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,	acaycacaaq	, , , , , ,			1020
	142			, , , ,	gcacctcatc		-		1080
	143				ttttaaattt				1140
	144				gtgtgtgtgt	_			1200
>	145				aagaactgga				1260
•	146				tcttatttta				1320
	147				gtcctgacac				1380
	148				atgtgtatgt				1440
	149				tgtctggtta				1500
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W-->

DATE: 02/06/2002

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/027,199 11ME: 09:52.25

Input Set : N:\Crf3\RULE60\10027199.raw
Output Set: N:\CRF3\02062002\J027199.raw

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153		740
154		800
155		860
15 ₆		950
157	atotoacaag titogtoogg gotoggogga ootatggogt ogatoottat taoottatoo 1	ð80
158	tggcgccaag ataaaacaac caaaagcctt gactccggta ctaattctcc ctgccggccc 2	040
159	ccgtaagcat aacgeggega tetecacttt aagaacetgg cegegttetg eetggteteg 2	100
160	ctttcgtaaa cggttcttac aaaagtaatt agttcttgct ttcagcctcc aagcttctgc 2	160
161	tagtetatgg cagcateaag getggtattt getaeggetg aeegetaege egeegeaata 2	220
162	agggtactgg geggeeegte gaaggeeett tggttteaga aacceaagge eeeceteata 2	280
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	> LENGTH: 256	
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	> SEQUENCE: 10	
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173	Gly Cys Glu Lys Val Gly Ala Val Gln Asn Ser Cys Asp Asn Cys Gln	
174	20 25 30	
175	Pro Gly Thr Phe Cys Arg Lys Tyr Asn Pro Val Cys Lys Ser Cys Pro	
176	35 40 45	
177	Pro Ser Thr Phe Ser Ser Ile Gly Gly Gln Pro Asn Cys Asn Ile Cys	
178	50 55 60	
179	Arg Val Cys Ala Gly Tyr Phe Arg Phe Lys Lys Phe Cys Ser Ser Thr	
180	65 70 75 80	
181	His Asn Ala Glu Cys Glu Cys Ile Glu Gly Phe His Cys Leu Gly Pro	
182	85 90 95	
183	Gln Cys Thr Arg Cys Glu Lys Asp Cys Arg Pro Gly Gln Glu Leu Thr	
184	100 105 110	
185	Lys Gln Gly Cys Lys Thr Cys Ser Leu Gly Thr Phe Asn Asp Gln Asn	
186	115 120 125	
187	Gly Thr Gly Val Cys Arg Pro Trp Thr Asn Cys Ser Leu Asp Gly Arg	
188	130 135 140	
189	Ser Val Leu Lys Thr Gly Thr Glu Lys Asp Val Val Cys Gly Pro	
190	145 150 155 160	
191	Pro Val Val Ser Phe Ser Pro Ser Thr Thr Ile Ser Val Thr Pro Glu	
192	165 170 175 The 167 The 167 The 175 Th	
193	Gly Gly Pro Gly Gly His Ser Leu Gln Val Leu Thr Leu Phe Leu Ala	
194	180 185 190	
195	Leu Thr Ser Ala Leu Leu Ala Leu Ile Phe Ile Thr Leu Leu Phe	
196	195 200 205	
197	Ser Val Leu Lys Trp Ile Arg Lys Lys Phe Pro His Ile Phe Lys Gln	
198	210 215 220	
199	Pro Phe Lys Lys Thr Thr Gly Ala Ala Gln Glu Glu Asp Ala Cys Ser	
200	225 230 235 240	
200	۷۵۵ کا	

RAW SEQUENCE LISTING

DATE: 02/06/2002 11MH: 09:52:25

PATENT APPLICATION: US/10/027,199

Input Set : N:\Crf3\RULE60\10027199.raw
Output Set: N:\CRF3\02062002\J027199.raw

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	207 <213	> ORGANISM: Homo sapiens
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	214	1 5 10 15
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	214 215 216 218 <210	1 5 10 15 Xaa His Xaa Xaa Cys Xaa Cys 20
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VERIFICATION SUMMARY

PARLNI APPLICATION: US/10/027,199

DATE: 02/06/2002 11Мы: 09:52:26

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Output Set: N:\CRF3\02062002\J027199.raw

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L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 L:215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11